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PED6H, 1-83aa, Human, His tag, E.coli

产品货号: TP03346

第三版

别名: Retinal cone rhodopsin-sensitive cGMP 3',5'-cyclic phosphodiesterase subunit gamma, ACHM6, RCD3

描述: PED6H is the inhibitory (or gamma) subunit of the cone-specific cGMP phosphodiesterase, which is a tetramer composed of two catalytic chains (alpha and beta), and two inhibitory chains (gamma). It is specifically expressed in the retina, and is involved in the transmission and amplification of the visual signal. Mutations in this gene are associated with retinal cone dystrophy type 3A (RCD3A). Recombinant human PED6H protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 2mM DTT, 0.1mM PMSF

分子量: 11.5 kDa (106aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGMSDNTTLPAPASNQGPTTPRKGPFFKQRQTRQFKSKPPKKGVKGFDDIPGMEGLGTDITVICPWEAFSHLELHELAQFGII

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.